

AMENDMENTS TO THE DRAWINGS:

Attached to this Amendment are replacement sheets for Figures 14-15 to label them prior art.

REMARKS

This Amendment responds to the Office Action dated April 19, 2005 in which the Examiner objected to the drawings and disclosure, objected to claims 3, 6 and 7, rejected claims 5-11 under 35 U.S.C. §112 first paragraph and stated that claims 1-4 are allowed over the prior art of record.

Attached to this Amendment are replacement sheets for Figures 14 and 15 to label them prior art. Therefore, Applicant respectfully requests the Examiner withdraws the objection to the drawings.

The drawings were objected to under 35 U.S.C § 1.83(a). Applicant respectfully traverses. Applicant respectfully brings the Examiner's attention to Figures 1-5 which show the embodiments claimed in claims 1, 3 and 5. In particular, Fig. 1 shows a diagram showing a bit group in a certain bit plane. Fig. 2 shows the bits that are required when the bit O0 is processed. Fig. 3 is a diagram showing bits that are required when the bit O1 shown in Fig. 1 is processed. Fig. 4 is a diagram showing bits that are required when bit O2 shown in Fig. 1 is processed. Fig. 5 is a diagram showing bits that are required when bit O3 shown in Fig. 1 is processed. Thus, the explanation found on page 9, line 19 through page 15, line 2 describes the invention as claimed in claim 1 during a sig pass. Similarly, in the second embodiment processed with a ref pass the bits are also shown in Figs. 1-5 and explained on page 15, line 3 through page 17, line 7. Additionally, in the third embodiment as claimed in claim 5, is also shown Figs. 1-5 but processed with a cln pass as discussed in the specification from page 17, line 8 through page 20, line 17. Therefore, Applicant respectfully submits that every feature of the invention specified

in the claims is shown in the drawings. Therefore, Applicant respectfully requests the Examiner withdraws the objection to the drawings.

As indicated above, page 5 line 12 has been amended to correspond to the description found on page 19 lines 20-23. Therefore, Applicant respectfully requests the Examiner withdraws the objection to the disclosure.

As indicated above, the specification has been amended to correct a typographical error on page 5 line 2. Therefore, Applicant respectfully requests the Examiner approves the correction and withdraws the objection to the disclosure.

As indicated above, claims 3 and 6-7 have been amended to correct minor informalities. Therefore, Applicant respectfully requests the Examiner approves the correction and withdraws the objection to claims 3 and 6-7.

As indicated above, claims 5-7 have been amended to correct a typographical error. The amendment is supported by the specification on page 19, lines 20-24 in particular, "a group" represents "a bit group" of four bits of data as disclosed on page 19, lines 20-24. Therefore, Applicant respectfully requests the Examiner approves the correction and withdraws the rejection to claims 5-11 under 35 U.S.C. §112 first paragraph.

The prior art of record, which is not relied upon, is acknowledged. The references taken singularly or in combination do not anticipate or make obvious the claimed invention.

Thus it now appears that the application is in condition for reconsideration and allowance. Reconsideration and allowance at an early date are respectfully requested.

If for any reason the Examiner feels that the application is not now in condition for allowance, the Examiner is requested to contact, by telephone, the Applicants' undersigned attorney at the indicated telephone number to arrange for an interview to expedite the disposition of this case.

In the event that this paper is not timely filed within the currently set shortened statutory period, Applicants respectfully petition for an appropriate extension of time. The fees for such extension of time may be charged to our Deposit Account No. 02-4800.

In the event that any additional fees are due with this paper, please charge our Deposit Account No. 02-4800.

Respectfully submitted,

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